



ONLINE INDUSTRIAL CONDUCTIVITY PROBE MODEL TCI 001 & TCI 01

FOR

EFFLUENT / GROUNDWATER / PHARMA / CHEMICAL / PETROLEUM APPLICATIONS



TCI 001



TCI 01

SPECIFICATIONS FOR CONDUCTIVITY PROBES

	<u>0.01 K</u>	<u>0.1 K</u>
Measurement Principal	2 electrode probe	2 electrode probe
Electrode material	SS316L	SS316L
Body material	SS316L / PVDF / PP	SS316L / PVDF / PP
Cell Constant	0.01cm ⁻¹	0.1cm ⁻¹
Measuring Range	0 - 200 µS	0 - 2 mS
Temperature Compensation (Optional)	Pt-100/Pt-1000	Pt-100/Pt-1000
Sensor Diameter	19mm	12mm
Insertion Length	80mm / 30 mm	80mm / 30mm
Cell constant accuracy	±10%	±10%
Process connection	¾" NPT	¾" NPT
Wire connection Details	Red: Temp. (Optional)	Temp. (Optional)
	White: Temp. (Optional)	Temp. (Optional)
	Transparent: E.C.	E.C.
	Shield: E.C.	E.C.
Wire leads type	2 Core PVC cable/ 4 Core PVC cable (in case of Temp. Compensation)	
Wetted material	Metal: SS316L	SS316L
	O-Ring: Aflas	Aflas
	Insulation: Teflon	Teflon
Measuring Temperature Range	-10 to 150°C	-10 to 150°C
Temperature Accuracy	±0.5°C	±0.5°C

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TCI 001 / TCI 01 - X - X - X - X

Body Material:	Insertion Length:	Temp. Compensator:	Cable Length:
SS316L - S	80 mm - 8	Without -	1 Mtr. - 1
PVDF - F	30 mm - 3	Pt100 - T	3 Mtrs. - 3
PP - P		Pt1000 - 1T	5 Mtrs. - 5
		10K NTC - 10T	9 Mtrs. - 9
		30K NTC - 30T	13 Mtrs. - 13

TOSHCON Online Industrial Conductivity Probe Model TCI-001 / TCI-01 / TCI-1 / TCI-10 are available in SS, PVDF & PP body with SS Electrode & Teflon Insulator for in line or submersible application.

In built automatic temperature compensation makes it possible to use with wide variety of conductivity measuring instruments available in market.

Presently available with cell constant of 0.01, 0.1, 1.0 & 10 K makes are suitable for wide range of applications.

TOSHNIWAL INSTRUMENTS MANUFACTURING PVT. LTD.,

P.O. Gagwana - 305023, Distt. Ajmer (Raj.) INDIA

Phone: +91-145-2971131/2/3; Mobile: +91-9829112345

Email: info@toshcon.com, support@toshcon.com; Website: www.toshcon.com

REGD OFFICE: 401, Manish Chamber, Sonawala Cross Lane, Goregaon (E), MUMBAI - 400 063



ONLINE INDUSTRIAL CONDUCTIVITY PROBE MODEL TCI 1 & TCI 10

FOR
EFFLUENT / GROUNDWATER / PHARMA / CHEMICAL / PETROLEUM APPLICATIONS



TCI 1

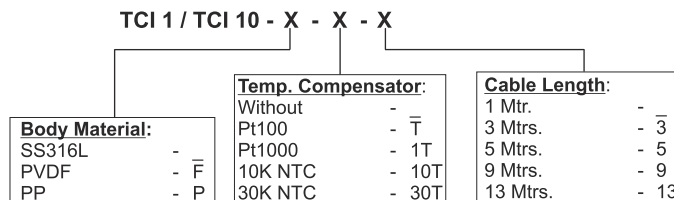


TCI 10

SPECIFICATIONS FOR CONDUCTIVITY PROBES

	<u>1.0 K</u>	<u>10 K</u>
Measurement Principal	2 electrode probe	2 electrode probe
Electrode material	SS316L	SS316L
Body material	SS316L / PVDF / PP	SS316L / PVDF / PP
Cell Constant	1.0cm ⁻¹	10.0cm ⁻¹
Measuring Range	0 - 20 mS	0 - 200 mS
Temperature Compensation (Optional)	Pt-100/ Pt-1000	Pt-100/ Pt-1000
Sensor Diameter	19mm	19mm
Insertion Length	80mm	80mm
Cell constant accuracy	±10%	±10%
Process connection	¾" NPT	¾" NPT
Wire connection Details	<u>Red:</u> Temp. (Optional)	Temp. (Optional)
	<u>White:</u> Temp. (Optional)	Temp. (Optional)
	<u>Transparent:</u> E.C.	E.C.
	<u>Shield:</u> E.C.	E.C.
Wire leads type	2 Core PVC cable/ 4 Core PVC cable (in case of Temp. Compensation)	
Wetted material	<u>Metal:</u> SS316L	SS316L
	<u>O-Ring:</u> Aflas	Aflas
	<u>Insulation:</u> Teflon	Teflon
Measuring Temperature Range	-10 to 150°C	-10 to 150°C
Temperature Accuracy	±0.5°C	±0.5°C

ORDERING CODE



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